

—, *N,N*-dimethyl-  
compd. with chlorotrimethylstannane (1:1) —  
see *Tin, chloro(N,N-dimethylacetamide-κO)-*  
*trimethyl-* [14039-31-7]

—, *N*-ferrocenyl-  
See *Ferrocene, (acetyl amino)-* [1271-59-6]

—, 2-formyl-  
See *Propanamide, 3-oxo-* [5735-86-4]

—, *N,N'*-(2,3,4,5,6,7-hexahydroxyheptylidene)bis-  
See *Heptitol, 1,1-bis(acetyl amino)-1-deoxy-*  
[21888-82-4]

—, *N*-(galacto-2,3,4,5,6-pentahydroxyhexyl)-  
See *Galactitol, 1-(acetyl amino)-1-deoxy-*  
[6707-28-4]

—, *N*-(gluco-2,3,4,5,6-pentahydroxyhexyl)-  
See *Glucitol, 1-(acetyl amino)-1-deoxy-* [5735-25-1]

—, *N,N'*-(galacto-2,3,4,5,6-pentahydroxy-  
hexylidene)bis-  
See *Galactitol, 1,1-bis(acetyl amino)-1-deoxy-*  
[21967-11-3]

—, 2-phenyl-  
See *Benzeneacetamide* [103-81-1]

—, *N*-(phenylazo)-  
See 1-Triazene, 1-acetyl-3-phenyl- [5661-51-8]

—, *N,N'*-(*p*-phenylenesulfonyl)bis-  
See *Acetamide, N-[[4-(acetyl amino)phenyl]sulfonyl]-*  
[5626-90-4]

—, *N*-(9-β-D-ribofuranosyl-9H-purin-6-yl)-  
See *Adenosine, N-acetyl-* [16265-37-5]

—, *N*-(1,2,3,4-tetrahydro-2,4-dioxo-1-β-D-  
ribofuranosyl-5-pyrimidinyl)-  
See *Uridine, 5-(acetyl amino)-* [14048-19-2]

—, *N,N'*-(2,4,5,6-tetrahydroxy-1,3-cyclo-  
hexanediyl)bis-  
See *Inositol, 1,3-bis(acetyl amino)-1,3-dideoxy-*  
[57605-99-9]

—, *N,N'*-(3,4,5,6-tetrahydroxy-1,2-cyclo-  
hexanediyl)bis-  
See *Inositol, 1,2-bis(acetyl amino)-1,2-dideoxy-*  
[6730-24-1]

—, *N,N'*-(manno-2,3,4,5-tetrahydroxy-  
hexylidene)bis-  
See *Mannitol, 1,1-bis(acetyl amino)-1,6-dideoxy-*  
[21967-14-6]

—, *N,N'*-(lyxo-2,3,4,5-tetrahydroxypentylidene)-  
bis-  
See *Arabinitol, 5,5-bis(acetyl amino)-5-deoxy-*  
[18555-10-7]

**Acetamidine**  
See *Ethanimidamide* [143-37-3]

—, *N*-(trichlorophosphoranylidene)-  
See *Phosphorimidic trichloride, (1-iminoethyl)-*  
[6540-09-6]

**β-Acetamidodeoxyglucosidase**  
See *Acetylglucosaminidase, β-* [9012-33-3]

**Acetamidophos**  
See *Phosphoramidothioic acid, acetyl-, O,S-dimethyl*  
*ester* [30560-19-1]

**Acetamidoxime**  
See *Ethanimidamide, N-hydroxy-* [22059-22-9]

—, *O*-acryloyl-  
See *Ethanimidamide, N-[(1-oxo-2-propenyl)oxy]-*  
[25180-69-2]

—, *O*-benzoyl-  
See *Ethanimidamide, N-(benzoyloxy)-* [22046-72-6]

—, *O*-ethyl-  
See *Ethanimidamide, N-ethoxy-* [22645-52-9]

—, *O*-methacryloyl-  
See *Ethanimidamide, N-[(2-methyl-1-oxo-2-  
propenyl)oxy]-* [22197-15-5]

**Acetamidrazone**  
See *Ethanimidic acid, hydrazide* [60576-61-6]

**Acetamin (antibacterial)**  
See *Acetamide, N,N'*-(sulfonyldi-4,1-phenylene)bis-  
[77-46-3]

**Acetamin 24**  
See 1-Dodecanamine, acetate [2016-56-0]

**Acetamin 84**  
See 1-Octadecanaminium, *N,N,N*-trimethyl-,  
acetate [52224-01-8]

**Acetamin 86**  
See 1-Octadecanamine, acetate [2190-04-7]

**Acetaminophen**  
See *Acetamide, N-(4-hydroxyphenyl)-* [103-90-2]

**Acetaminophen glutathione**  
See *Glycine, L-γ-glutamyl-S-[4-(acetyl amino)-  
phenyl]-L-cysteinyl-* [67900-63-4]

**Acetaminosalol**  
See *Benzoic acid, 2-hydroxy-, esters, 4-*  
*(acetyl amino)phenyl ester* [118-57-0]

**Acetamidrid**  
See *Ethanimidamide, N-[(6-chloro-3-pyridinyl)-  
methyl]-N'-cyano-N-methyl-* [160430-64-8]

**Acetanilide**  
See *Acetamide, N-phenyl-* [103-84-4]

—, oxime — see *Ethanimidamide, N-hydroxy-N'-*  
*phenyl-* [5661-30-3]

—, [[4-(acetyl amino)phenyl]sulfonyl]-  
See *Acetamide, N-[4-[(aminocarbonyl)amino]-  
sulfonyl]phenyl]-* [2828-63-9]

—, 4'-(acetylsulfamoyl)-  
See *Acetamide, N-[[4-(acetyl amino)phenyl]sulfonyl]-*  
[5626-90-4]

**Acetanilide 2-hydroxylase**  
See *Oxygenase, aryl 2-mono-* [71124-53-3]

**Acetanilide 4-hydroxylase**  
See *Oxygenase, aryl 4-mono-* [9012-80-0]

**Acetanil Yellow 2G0768**  
See *Butanamide, 2-[(2-methoxy-4-nitrophenyl)-  
azo]-N-(2-methoxyphenyl)-3-oxo-*  
[6358-31-2]

**Acetantranil**  
See 4H-3,1-Benzoxazin-4-one, 2-methyl-  
[525-76-8]

**Acetaphos**  
See *Acetic acid, [(diethoxyphosphinyl)thio]-, ethyl*  
*ester* [2425-25-4]

**Acetard**  
See *Benzoic acid, 2-(acetyloxy)-* [50-78-2]

**Acetarsol**  
See *Arsonic acid, [3-(acetyl amino)-4-hydroxy-  
phenyl]-* [97-44-9]

**Acetarsonic**  
See *Arsonic acid, [3-(acetyl amino)-4-hydroxy-  
phenyl]-* [97-44-9]

**Acetate**  
See *Acetic acid, ion(1-)* [71-50-1]

**Acetate C 10**  
See *Acetic acid, esters, decyl ester* [112-17-4]

**Acetate fibers**  
**Acetate formation factor**  
See 1,2-Dithiolane-3-pentanoic acid [1077-28-7]

**Acetate kinase (pyrophosphate)**  
See *Phosphotransferase, pyrophosphate-acetate*  
[57657-58-6]

**Acetates**  
See  
*Acetic acid, compounds*  
*Acetic acid, esters*

**Acetatocobalamin**  
See *Cobinamide, Co-(acetato-κO)-, dihydrogen*  
*phosphate (ester), inner salt, 3'-ester with*  
*(5,6-dimethyl-1-α-D-ribofuranosyl-1H-*  
*benzimidazole-κN<sup>3</sup>)* [22465-48-1]

**Acetazolamide**  
See *Acetamide, N-[5-(aminosulfonyl)-1,3,4-  
thiadiazol-2-yl]-* [59-66-5]

**Acetcarbromal**  
See *Butanamide, N-[(acetyl amino)carbonyl]-2-  
bromo-2-ethyl-* [77-66-7]

**Acetexa**  
See 1-Propanamine, 3-(10,11-dihydro-5H-dibenzo-  
[a,d]cyclohepten-5-ylidene)-N-methyl-, hydro-  
chloride [894-71-3]

**Acethion**  
See *Acetic acid, [(diethoxyphosphinothioyl)thio]-, ethyl ester* [919-54-0]

**Acethropan S**  
See α<sup>1-23</sup>-Corticotropin [20566-04-5]

**Acethydrazide disulfide**  
See *Acetic acid, 2,2'-dithiobis-, dihydrazide*  
[6854-84-8]

**Aceti 22**  
See *Cellulose, esters, diacetate* [9035-69-2]

**Acetiamine**  
See *Ethanethioic acid, esters, S-[1-(2-(acetyloxy)-  
ethyl)-2-[(4-amino-2-methyl-5-  
pyrimidinyl)methyl]formylamino]-1-propenyl*  
*ester* [299-89-8]

**Acetic acid [64-19-7]**  
Derivatives of acetic acid containing functions higher than carboxylic acid are indexed at the names of parent compounds that contain the higher functions, e.g., *Ferrocene, (carboxymethyl)-*; *Benzenaminium, 4-(carboxymethyl)-N,N,N-triethyl-*. In the absence of a higher function, when one or more carboxymethyl groups are directly attached to any ring (including benzene), the compound is indexed at a conjunctive name based on the ring, e.g., *Benzenecarboxylic acid, 2,4-Pyridinediacetic acid*. When an acetic acid residue is directly attached by single bonds to two or three ring systems, the conjunctive name is based on the preferred ring; e.g., *2-Naphthaleneacetic acid, α-2-naphthalenyl-α-phenyl-*. Conjunctive names may also be constructed from ring-assembly names and from names of cyclic natural products, e.g., *[1,1'-Biphenyl]-4-acetic acid*; *Androstane-17-acetic acid*. Derivatives connected to a ring by a double bond are now indexed at this heading if acetic acid represents the longest acyclic chain containing the carboxyl group; otherwise a larger acyclic parent is employed. Thus, the compounds indexed prior to Volume 76 at Δ<sup>2(1H)</sup>,α-Pyridineacetic acid, and 2H-1-Benzopyran-Δ<sup>2,α</sup>-acetic acid, α-ethyl-, are now entered at *Acetic acid, 2(1H)-pyridinylidene-*, and *Butanoic acid, 2-(2H-1-benzopyran-2-ylidene)-*

**Acetic acid, biological studies**  
activating enzymes — see also *Synthetase, acetyl coenzyme A* [9012-31-1]

**Acetic acid, reactions**  
acetoxylation by — see also *Acetoxylation*  
solvolysis by — see also *Acetolysis*

**Acetic acid, anhydrides**  
anhydride, solvolysis by — see also *Acetolysis*  
anhydride with isocyanic acid — see *Acetyl isocyanate* [3998-25-2]  
anhydride with isothiocyanic acid — see *Acetyl isothiocyanate* [13250-46-9]

**Acetic acid [64-19-7], compounds**  
Addition products of acetic acid are indexed as acetate salts of the organic bases with which it combines, except for those of cyclohexanamine, *N*-cyclohexylcyclohexanamine, *N,N*-diethylethanamine and phenylmethyl carbamimidothioate, which are indexed at this heading. Specific coordination compounds containing the acetato ligand are indexed only at the coordination headings, e.g., *Copper, (acetato-O,O')bis(triphenylphosphine)-* [32335-53-8]. Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from acetic acid are indexed here as well as at the specific coordination headings

**chromyl(2+) salt** —  
see *Chromium, bis(acetato-κO)dioxo-, (T-4)-*  
[4112-22-5]

**phenylmercury deriv.** —  
see *Mercury, (acetato-κO)phenyl-* [62-38-4]

**piperidide** — see *Piperidine, 1-acetyl-*  
[618-42-8]

**ureide** — see *Acetamide, N-(aminocarbonyl)-*  
[591-07-1]

**Acetic acid [64-19-7], esters**  
Acetic acid ethenyl ester and acetic acid ethyl ester are indexed at their own headings; simple esters (butyl, chlorophenyl, cyclohexyl, decyl, 2-(diethylamino)ethyl, 2-(dimethylamino)ethyl, 1,1-dimethylethyl, dodecyl, 2-ethylbutyl,

2-ethylhexyl, heptyl, hexyl, methyl, 1-methylethyl, methylphenyl, 1-methylpropyl, 2-methylpropyl, nitrophenyl, nonyl, octadecyl, octyl, pentyl, phenyl, 2-phenylethyl, phenylmethyl, 2-propenyl, and propyl), and indefinitely branched isoalkyl or neoalkyl are indexed at this heading. Other esters are indexed only at the alcohols

**cellulose ester** — see *Cellulose, esters, acetate*  
[9004-35-7]

**ethenyl ester** — see the subdivided heading *Acetic acid ethenyl ester* [108-05-4] which will be found following all the inverted headings for *Acetic acid*

**ethyl ester** — see the subdivided heading *Acetic acid ethyl ester* [141-78-6] which will be found following all the inverted headings for *Acetic acid*

**Acetic acid, hydrazides**  
2-carboxyhydrazide — see *Hydrazinecarboxylic acid, 2-acetyl-* [4474-07-1]  
2-[(carboxymethyl)thio]phenylmethylhydrazide — see *Acetic acid, [(2-acetylhydrazino)-phenylmethyl]thio-* [16783-42-9]  
(23-carboxy-24-norcholan-3-ylidene)hydrazide — see *Cholan-24-oic acid, 3-(acetylhydrazono)-* [14508-18-0]

**Acetic acid, oximes**  
oxime — see *Ethanimidic acid, N-hydroxy-*

**Acetic acid [64-19-7], polymers**  
Dimers and other so-called polymers of acetic acid that are formed exclusively by intermolecular association are indexed at other subdivisions of the *Acetic acid* heading

**Acetic acid**  
—, acetyl-  
See *Butanoic acid, 3-oxo-* [541-50-4]

—, acetyloxo-  
See *Butanoic acid, 2,3-dioxo-* [4374-46-3]

—, [2-(1-acetyl-2-piperidinyl)-2-hydroxycyclohexylidene]-  
γ-lactone — see *Piperidine, 1-acetyl-2-(4,5,6,7-tetrahydro-2-oxo-7a(2H)-benzofuranyl)-*  
[5318-49-0]

—, amino-  
See *Glycine* [56-40-6]

—, [(aminocarbonyl)amino]-  
See *Glycine, N-(aminocarbonyl)-* [462-60-2]

—, [(aminocarbonyl)amino]carbonyl-  
See *Propanoic acid, 3-[(aminocarbonyl)amino]-3-oxo-* [542-07-4]

—, [(aminoiminomethyl)amino]-  
See *Glycine, N-(aminoiminomethyl)-* [352-97-6]

—, 2,2',2'',2'''-[(2-amino-2-oxoethyl)imino]bis(2,1-ethanediylnitrilo)tetrakis-  
*N,N,N',N'*-diimide —  
see *Acetamide, 2-[bis(2-(3,5-dioxo-1-piperazinyl)ethyl)amino]-* [1506-44-1]

—, benzoyl-  
See *Benzenepropanoic acid, β-oxo-* [614-20-0]

—, (benzoylamino)-  
See *Glycine, N-benzoyl-* [495-69-2]

—, [(1,1'-biphenyl)ylcarbonyl]-  
See *[1,1'-Biphenyl]propanoic acid, β-oxo-*  
[29087-01-2]

—, bis(3-methylbutyl)-  
See *Hexanoic acid, 5-methyl-2-(3-methylbutyl)-*  
[4384-06-9]

—, bis(2-methylpropyl)-  
See *Pentanoic acid, 4-methyl-2-(2-methylpropyl)-*  
[5692-62-6]

—, (bromomercurio)-  
See *Mercurate(1-), bromo(carboxylatomethyl)-, hydrogen* [6245-84-7]

—, carbonyl-  
See 2-Propenoic acid, 3-oxo- [4452-03-3]  
—, 2,2'-[(2-carboxyethyl)imino]bis-  
See β-Alanine, *N,N*-bis(carboxymethyl)-  
[6245-75-6]

—, 2,2',2'',2'''-[(2-carboxyethyl)imino]bis(2,1-ethanediylnitrilo)tetrakis-  
See β-Alanine, *N,N*-bis[2-[bis(carboxymethyl)amino]ethyl]- [4454-19-7]

—, [(2-carboxyethyl)thio]-  
See *Propanoic acid, 3-[(carboxymethyl)thio]-*  
[4938-00-5]

—, 2,2'-[(2-[(carboxymethyl)amino]ethyl)imino]bis-  
See *Glycine, N-(carboxymethyl)-N-[2-[(carboxymethyl)amino]ethyl]-* [688-57-3]

—, 2,2',2'',2'''-[(carboxymethyl)imino]bis(2,1-ethanediylnitrilo)tetrakis-  
See *Glycine, N,N*-bis[2-[bis(carboxymethyl)amino]ethyl]- [67-43-6]

—, (2-carboxyphenoxy)-  
See *Benzoic acid, 2-(carboxymethoxy)-* [635-53-0]

—, 2,2'-[(2-carboxy-1-phenylethyl)imino]bis-  
See *Benzenepropanoic acid, β-bis(carboxymethyl)amino-* [6245-76-7]

—, chloro-  
benzenecarboximidamide deriv. —  
see *Benzenecarboximidamide, N-[(chloroacetyl)oxy]-* [21251-95-6]

—, (chloromercurio)-  
See *Mercurate(1-), (carboxylatomethyl)chloro-, hydrogen* [6245-83-6]

—, cyano-  
(2-carboxycyclopentylidene)hydrazide —  
see *Cyclopentanecarboxylic acid, 2-[(cyanoacetyl)hydrazono]-, methyl ester*  
[25892-68-6]

—, cyanodiethyl-  
See *Butanoic acid, 2-cyano-2-ethyl-* [4386-07-6]

—, 2,2',2'',2'''-(1,2-cyclohexanediylidinitrilo)tetrakis-  
*N,N,N',N'*-diimide —  
see 2,6-Piperazinedione, 4,4'-(1,2-cyclohexanediyl)bis- [1506-45-2]

—, 2,2'-[cyclohexylidenebis(thio)]bis-  
cyclic stannylene deriv. —  
see 10,12-Dioxo-7,15-dithia-11-stannaspiro[5.9]pentadecane-9,13-dione [25329-55-9]